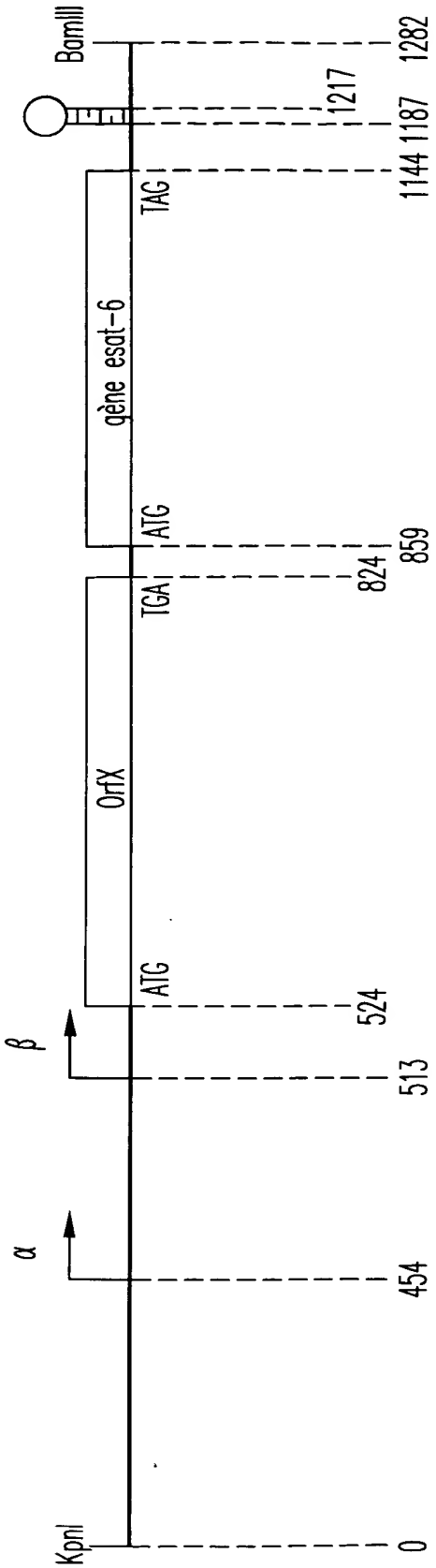
BamIII
1282
1217
1187
1144
TAG
gène esat-6
ATG
859
824
TGA
OrfX
ATG
524
β
513
α
454
KpnI
0

FIG. 1

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBC

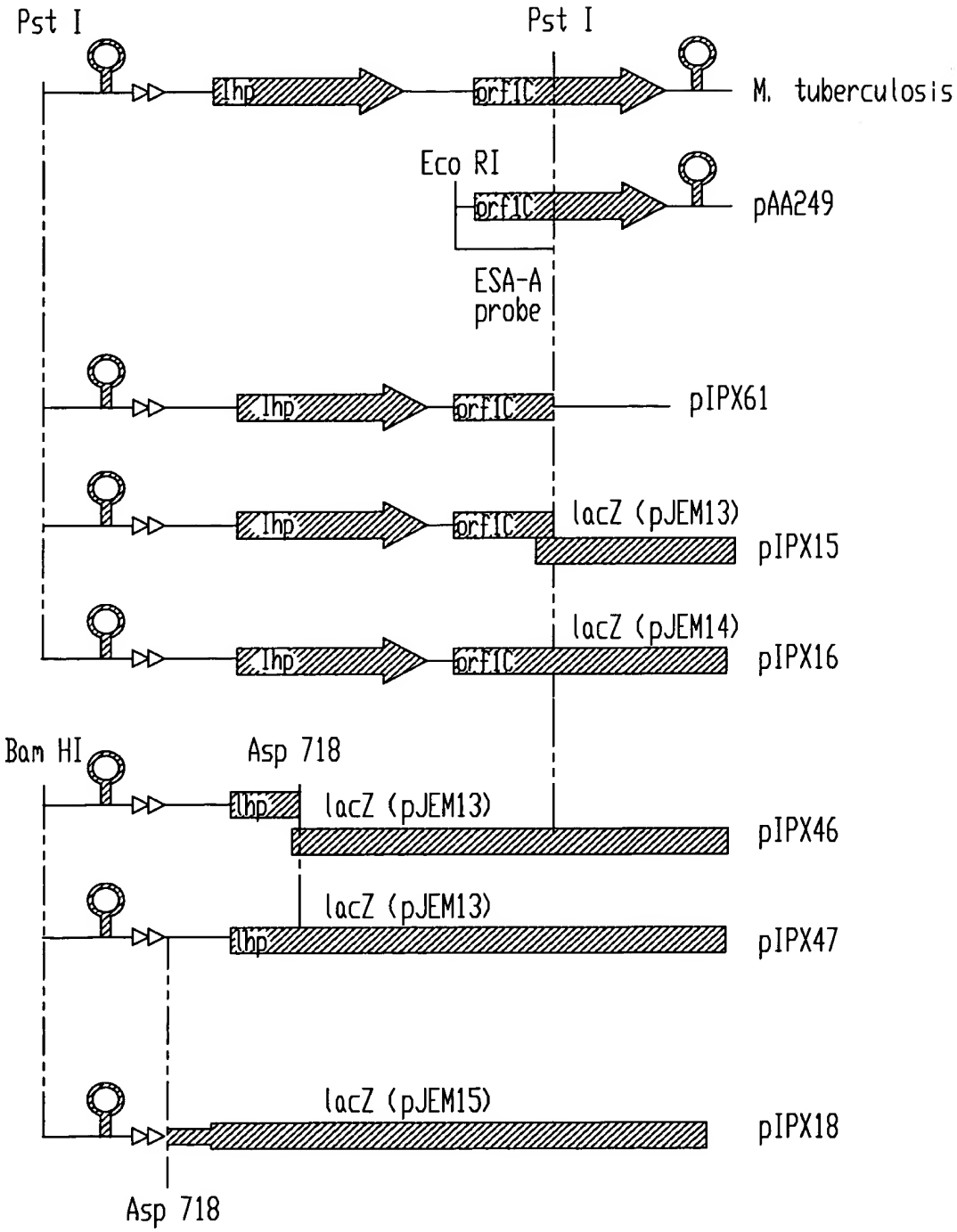

FIG. 2

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUB-CLASS

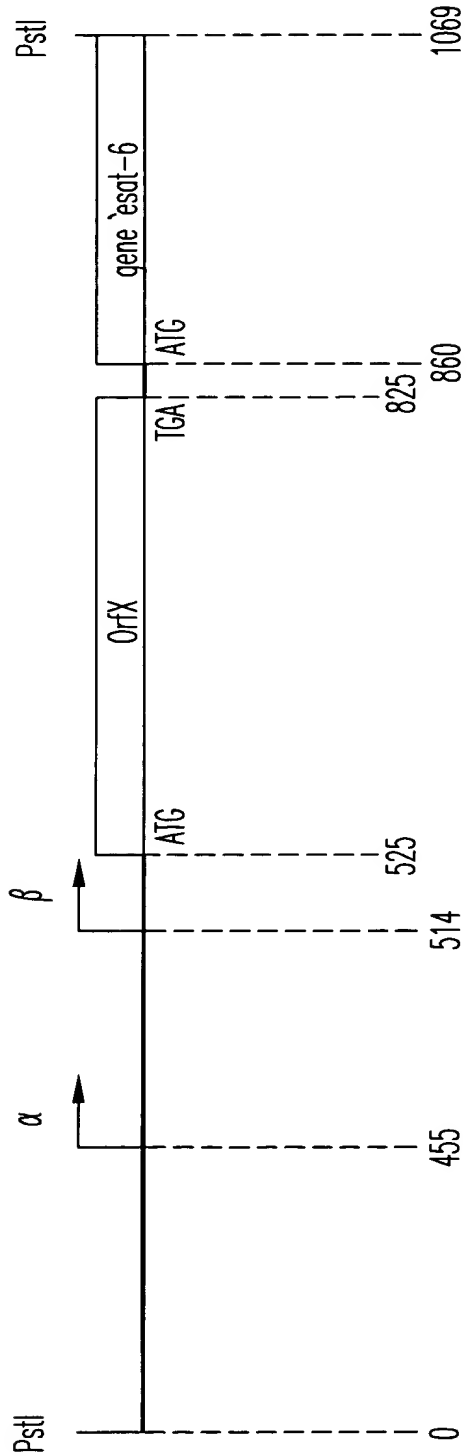

FIG. 3

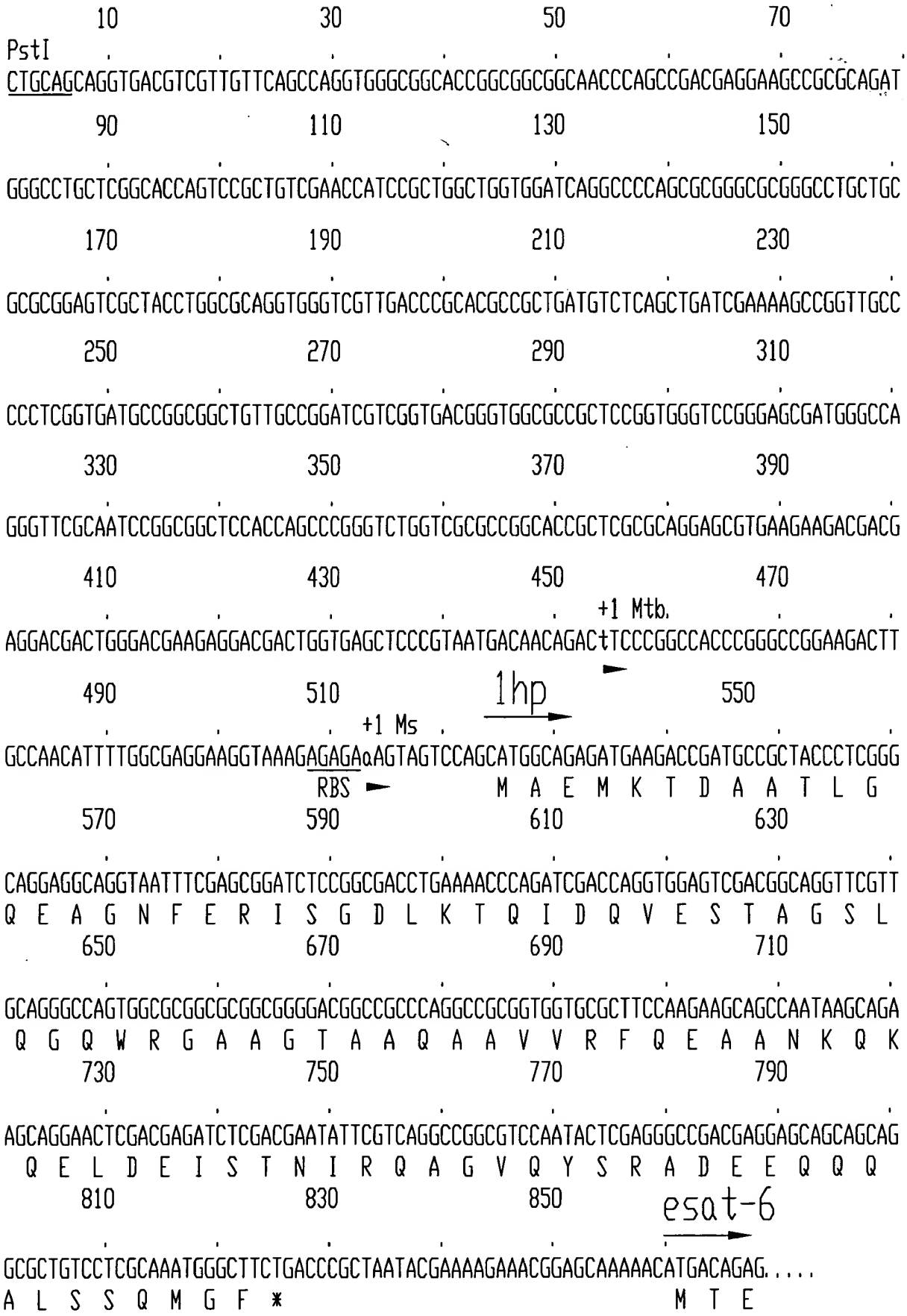
10
30
50
70
PstI
CTGCAGCAGGTGACGTCGTTGTTCAGCCAGGTGGGCGGCACCGGCGGCGGCAACCCAGCCGACGAGGAAGCCGCGCAGAT
90
110
130
150
GGGCCTGCTCGGCACCAGTCCGCTGTCGAACCATCCGCTGGCTGGTGGATCAGGCCCCAGCGCGGGCGCGGGCCTGCTGC
170
190
210
230
GCGCGGAGTCGCTACCTGGCGCAGGTGGGTCGTTGACCCGCACGCCGCTGATGTCTCAGCTGATCGAAAAGCCGGTTGCC
250
270
290
310
CCCTCGGTGATGCCGGCGGCTGTTGCCGGATCGTCGGTGACGGGTGGCGCCGCTCCGGTGGGTCCGGGAGCGATGGGCCA
330
350
370
390
GGGTTCGCAATCCGGCGGCTCCACCAGCCCGGGTCTGGTCGCGCCGGCACCGCTCGCGCAGGAGCGTGAAGAAGACGACG
410
430
450
470
+1 Mtb.
AGGACGACTGGGACGAAGAGGACGACTGGTGAGCTCCCGTAATGACAACAGACtTCCCGGCCACCCGGGCCGGAAGACTT
490
510
1hp
550
+1 Ms
GCCAACATTTTGGCGAGGAAGGTAAAGAGAGAaAGTAGTCCAGCATGGCAGAGATGAAGACCGATGCCGCTACCCTCGGG
RBS
M A E M K T D A A T L G
570
590
610
630
CAGGAGGCAGGTAATTTCGAGCGGATCTCCGGCGACCTGAAAACCCAGATCGACCAGGTGGAGTCGACGGCAGGTTCGTT
Q E A G N F E R I S G D L K T Q I D Q V E S T A G S L
650
670
690
710
GCAGGGCCAGTGGCGCGGCGCGGCGGGGACGGCCGCCCAGGCCGCGGTGGTGCGCTTCCAAGAAGCAGCCAATAAGCAGA
Q G Q W R G A A G T A A Q A A V V R F Q E A A N K Q K
730
750
770
790
AGCAGGAACTCGACGAGATCTCGACGAATATTCGTCAGGCCGGCGTCCAATACTCGAGGGCCGACGAGGAGCAGCAGCAG
Q E L D E I S T N I R Q A G V Q Y S R A D E E Q Q Q
810
830
850
esat-6
GCGCTGTCCTCGCAAATGGGCTTCTGACCCGCTAATACGAAAAGAAACGGAGCAAAAACATGACAGAG....
A L S S Q M G F *
M T E

FIG. 4A

APPROVED O.G. FIG.
BY
CLASS SU
DRAFTSMAN


```
Mtb CFP-10  MAEMKTDAATLGQEAGNFERISGDLKTQIDQVESTAGSLQGQWRGAAGTA
            |||| |:||.|.|:|:.|:.| .::|.: : |:|.:.|:|. | |.|:.|
Mlep L45    MAEMITEAAILTQQAAQFDQIASGLSQERNFVDSIGQSFQNTWEGQAASA

Mtb CFP-10  AQAAVVRFQEAANKQKQELDEISTNIRQAGVQYSRADEEQQQALSSQMGF
            | :|:.|| :|| ..|.:|: .|..: ...|...|.:.|:|..| ||| .|.|
Mlep L45    ALGALGRFDEAMQDQIRQLESIVDKLNRSGGNYTKTDDEANQLLSSKMNF
```

FIG. 4B

APPROVED O.G. FIG.
BY CLASS SU
DRAFTSMAN

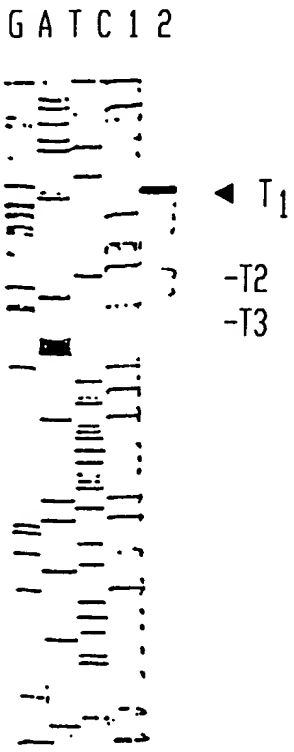

FIG. 5A

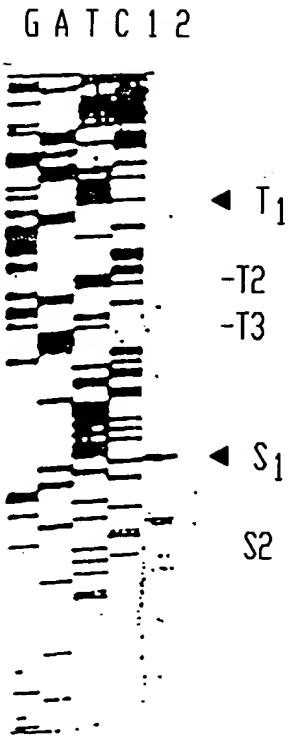

FIG. 5C

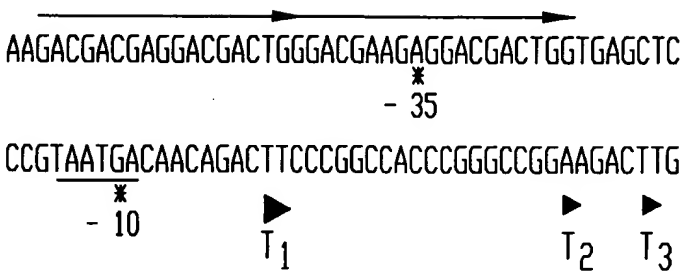

FIG. 5B

APPROVED BY DRAFTSMAN
O.G. [redacted]
CLASS [redacted]

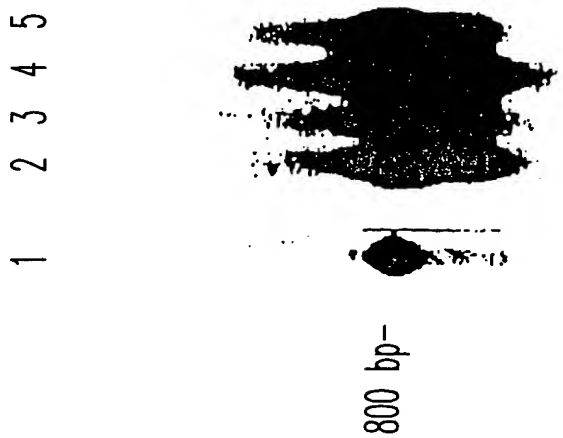

FIG. 6

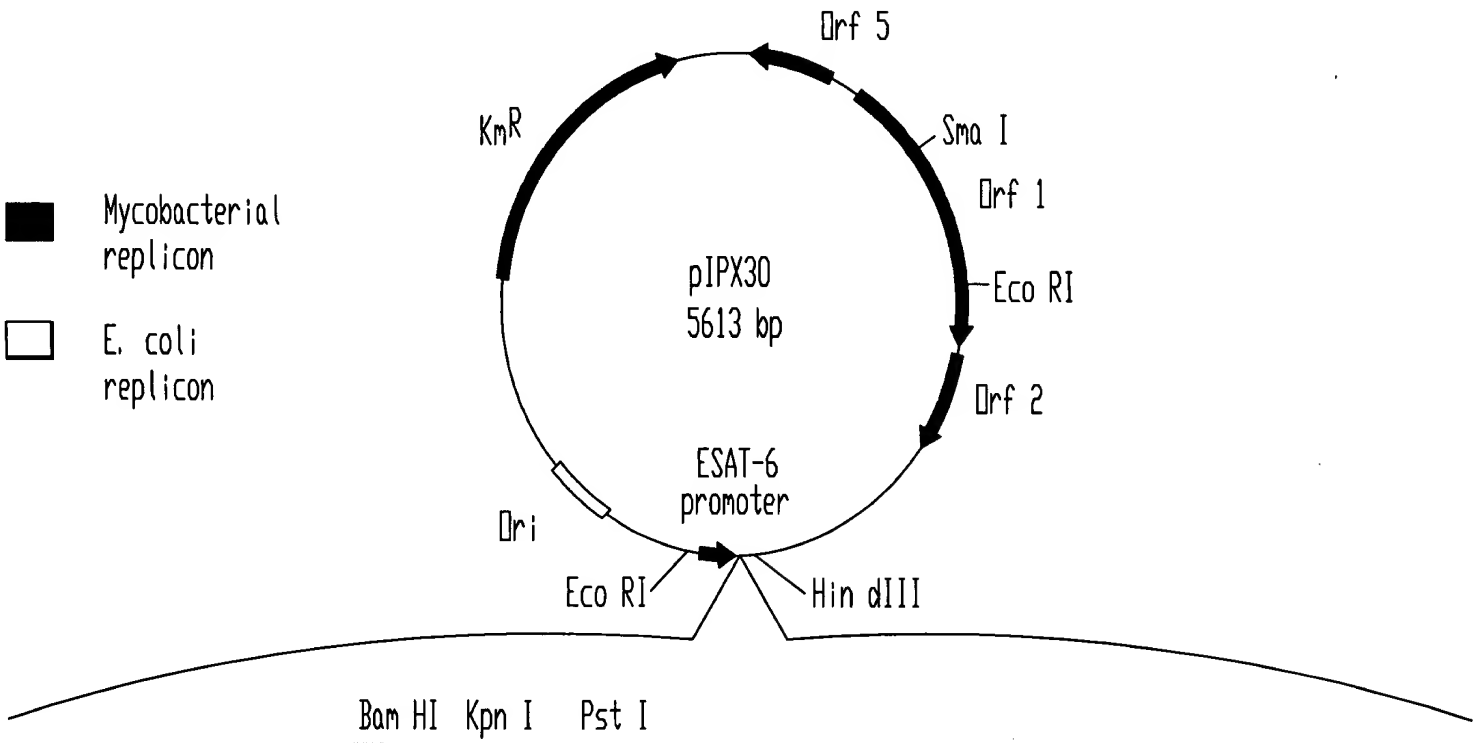

FIG. 7

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O.G. F
CLASS
OBLON, ET AL (703) 41
DOCKET #0660-0165-0X_PCT SHEET 8 of 15
USSN 09/462,480

APPROVED BY DRAFTSMAN | O.G. FIG. CLASS SUB

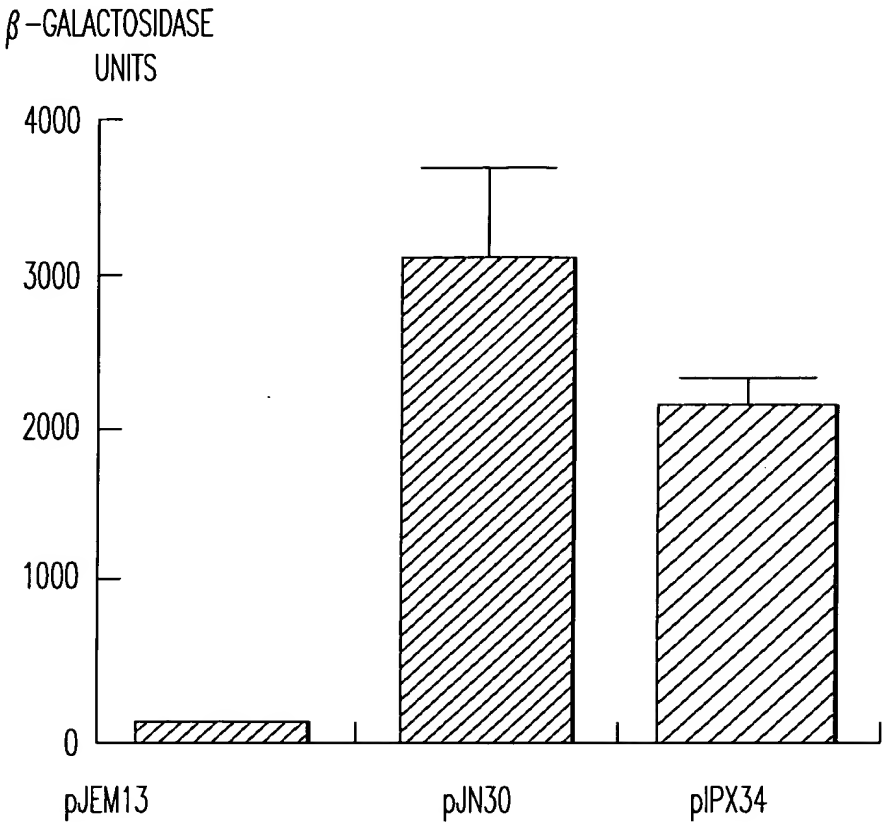


FIG. 8

APPROVED O.G. FIG.
BY
CLASS
DRAFTSMAN

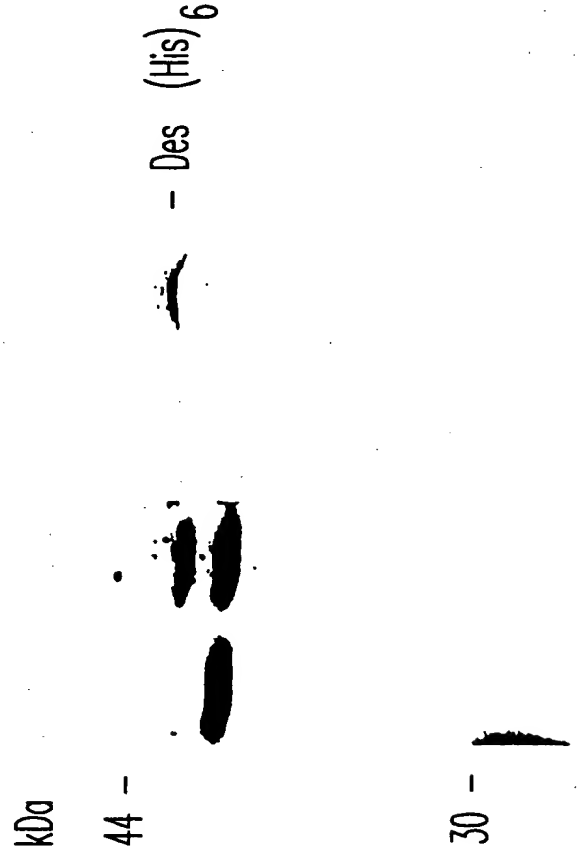
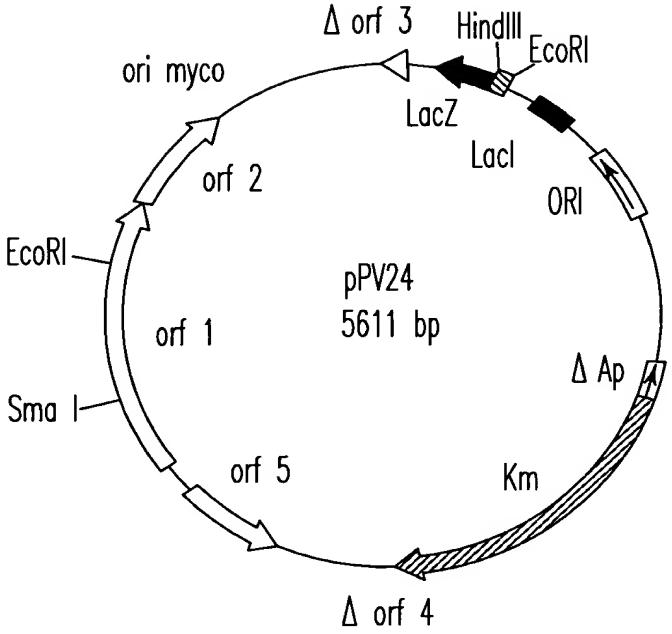


FIG. 9

APPROVED BY DRAFTSMAN
O G.
CLASS



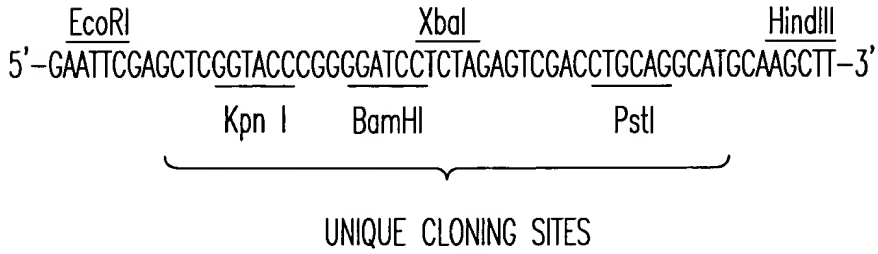


FIG. 10

APPROVED BY DRAFTSMAN | O.G. F | CLASS

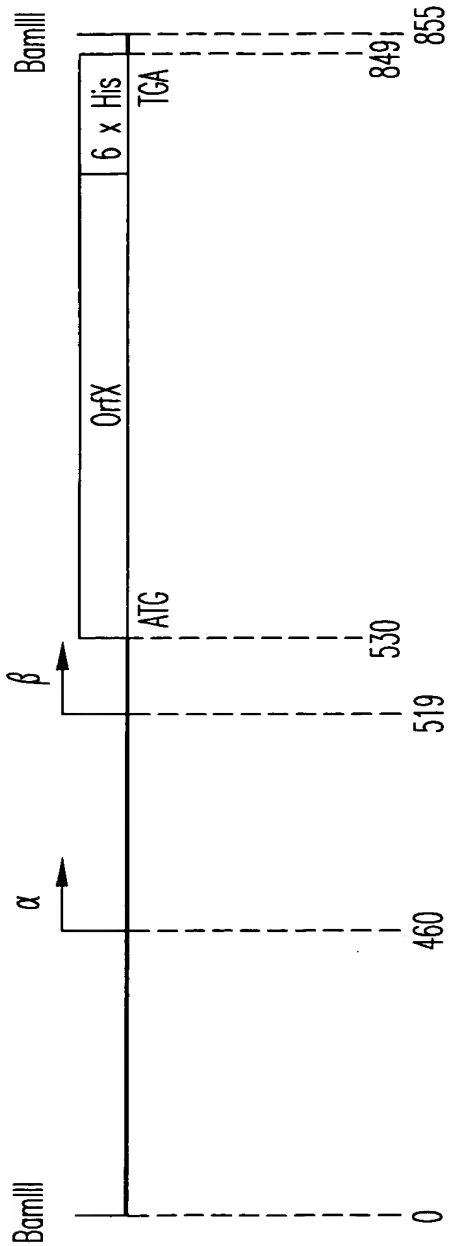


FIG. 11

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUB

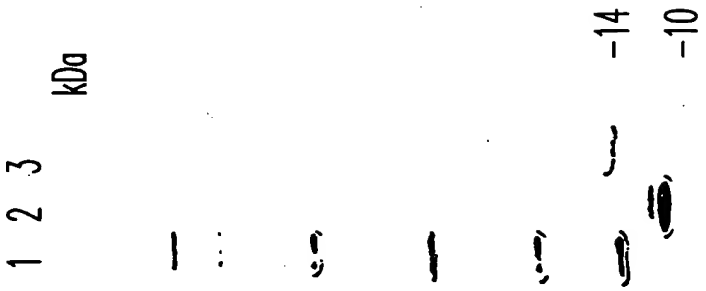


FIG. 12B

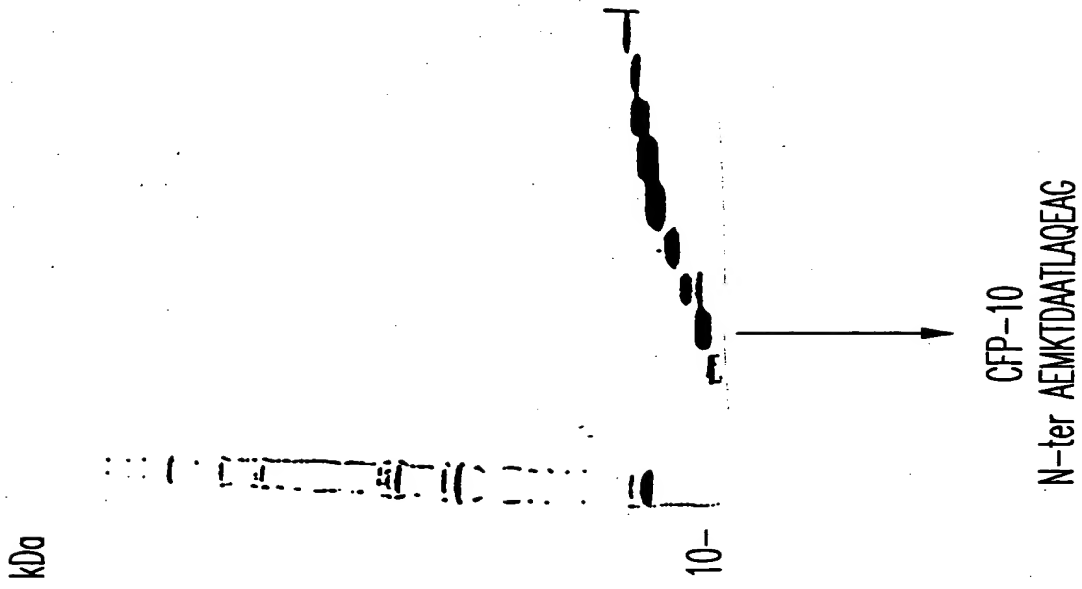


FIG. 12A

APPROVED O.G. FIG
BY
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CLASS S
DOCKET #0660-0165-0X PCT SHEET 14 of 15
USSN 09/462,4

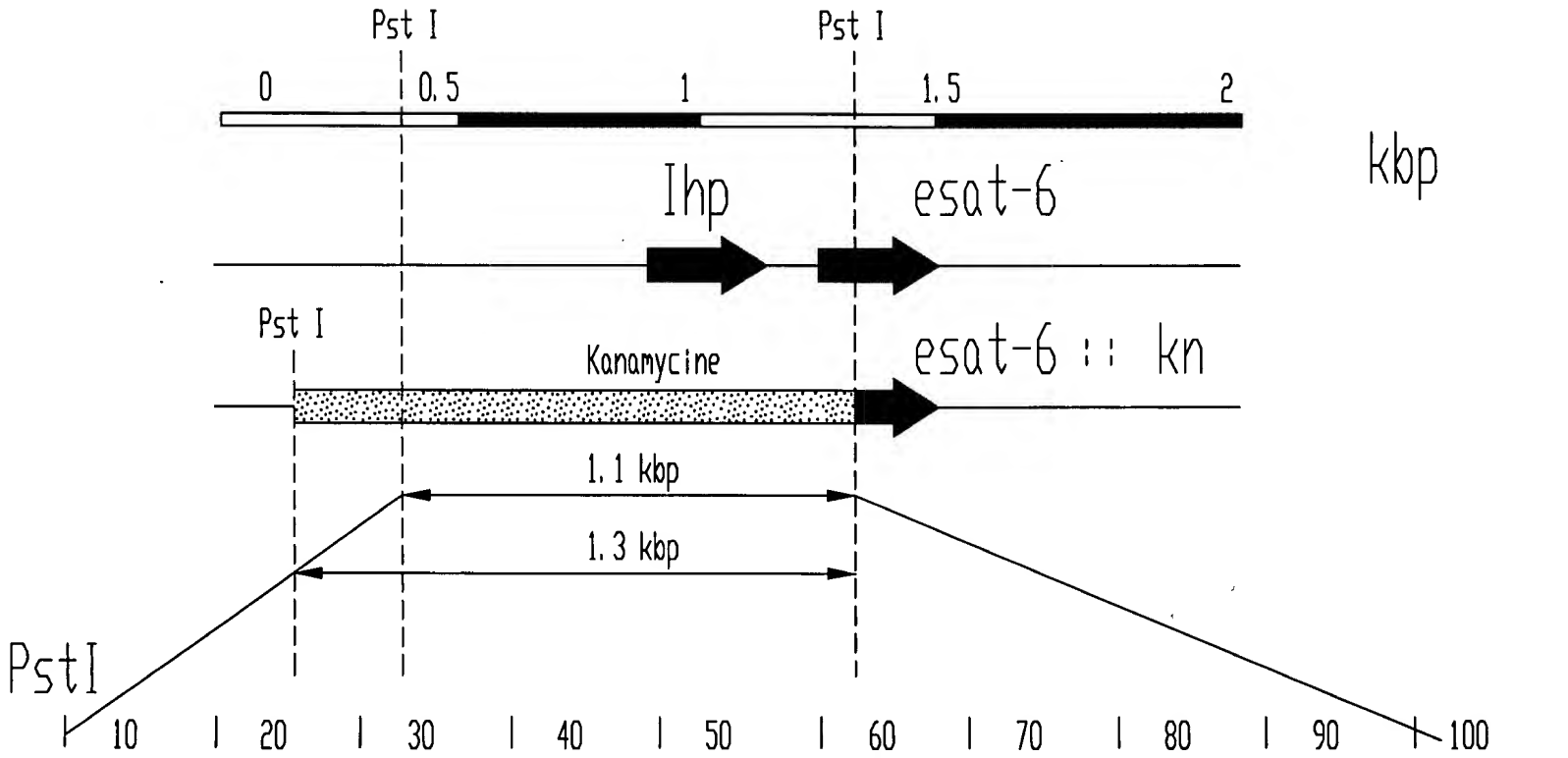

FIG. 13A

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BY
DRAFTSMAN
C. G. F
CLASS
OBLON ET AL (703)
DOCKET #0660-0165-0
PCT SHEET 15 of 15
USSN 09/462,480

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401  AGGACGACTG GGACGAAGAG GACGACTGGT GAGCTCCCGT AATGACAACA  GACTTCCCGG CCACCCGGGC CGGAAGACTT GCCAACATTT TGGCGAGGAA  500
501  GGTAAAGAGA GAAAGTAGTC CAGCATGGCA GAGATGAAGA CCGATGCCGC  TACCCTCGGG CAGGAGGCAG GTAATTTCGA GCGGATCTCC GGCGACCTGA  600
601  AAACCCAGAT CGACCAGGTG GAGTCGACGG CAGGTTCGTT GCAGGGCCAG  TGGCGCGGCG CGGCGGGGAC GGCCGCCCAG GCCGCGGTGG TGCGCTTCCA  700
701  AGAAGCAGCC AATAAGCAGA AGCAGGAACT CGACGAGATC TCGACGAATA  TTCGTCAGGC CGGCGTCCAA TACTCGAGGG CCGACGAGGA GCAGCAGCAG  800
801  GCGCTGTCCT CGCAAATGGG CTTCTGACCC GCTAATACGA AAAGAAACGG  AGCAAAAACA TGACAGAGCA GCAGTGGAAT TTCGCGGGTA TCGAGGCCGC  900
901  GGCAAGCGCA ATCCAGGGAA ATGTCACGTC CATTCATTCC CTCCTTGACG  AGGGGAAGCA GTCCCTGACC AAGCTCGCAG CGGCCTGGGG CGGTAGCGGT  1000
1001 TCGGAGGCGT ACCAGGGTGT CCAGCAAAAA TGGGACGCCA CGGCTACCGA  GCTGAACAAC GCGCTGCAG                                    1069
       | 10     | 20     | 30     | 40     | 50     | 60     | 70     | 80     | 90     | 100
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FIG. 13B PstI